

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits  | Search Query  | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|-------|---|--|------------------|---------|---------------------|
| L4    | 8411  | record near2 carrier  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT                          | OR               | ON      | 2009/12/15<br>20:19 |
| L5    | 2895  | (decod\$4 decompress\$4<br>compress\$4 encod\$4)<br>and 4   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT                          | OR               | ON      | 2009/12/15<br>20:21 |
| L6    | 1260  | (decod\$4 decompress\$4<br>compress\$4 encod\$4)<br>same 4  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT                          | OR               | ON      | 2009/12/15<br>20:22 |
| L7    | 770   | (decod\$4 decompress\$4<br>compress\$4 encod\$4)<br>with 4  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT                          | OR               | ON      | 2009/12/15<br>20:22 |
| L11   | 932   | full with block with<br>(predict\$4 inter)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/12/15<br>20:46 |
| L12   | 107   | full with block with<br>(predict\$4 inter) with ((p<br>predict\$4) with (frame<br>slice picture)) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/12/15<br>20:47 |
| L13   | 13281 | ("8" near3 "8") with<br>(block pixel)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/12/15<br>20:49 |
| L14   | 2     | 11 same 13  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/12/15<br>20:50 |
| L15   | 77    | 11 and 13   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/12/15<br>20:50 |
| L16   | 13    | 12 and 13   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/12/15<br>20:50 |
| S1    | 1     | "10542836".rlan. or ("10".<br>src. and "542836".ap.)  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT                          | OR               | ON      | 2009/11/27<br>16:33 |

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| S2  | 636     | "375/240.15" OCLS  | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/11/27<br>16:33 |
| S3  | 20      | ((DZEVDET) near2<br>(BURAZEROVIC)) INV.  | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/11/27<br>16:33 |
| S4  | 30      | ((DZEVDET) near2<br>(BURAZEROVIC)) INV.  | EPO; JPO;<br>DERWENT   | OR | ON | 2009/11/27<br>16:33 |
| S5  | 88      | ((WILHELMUS) near2<br>(BRULS)).INV.  | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/11/27<br>16:33 |
| S6  | 90      | ((WILHELMUS) near2<br>(BRULS)).INV.  | EPO; JPO;<br>DERWENT   | OR | ON | 2009/11/27<br>16:33 |
| S7  | 2       | "20020152317"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/27<br>16:36 |
| S8  | 2255389 | encod\$4 compress\$4   | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/11/27<br>17:06 |
| S9  | 17518   | ((high near2 definition)<br>hd) with (video picture<br>movie)  | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/11/27<br>17:07 |
| S10 | 7325    | ((bi near2 direction\$3)<br>predict\$4 ((de near2 block<br>\$4) deblock\$4) (reference<br>near3 picture)) with<br>(disabl\$4 inoperative stop<br>hinder) | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/11/27<br>17:14 |
| S11 | 1645    | ((bi near2 direction\$3)<br>predict\$4 ((de near2 block<br>\$4) deblock\$4) (reference<br>near3 picture)) with disabl<br>\$4                             | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/11/27<br>17:16 |
| S12 | 1504    | ((bi near2 direction\$3)<br>predict\$4) with disabl\$4   | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/11/27<br>17:17 |
| S13 | 146     | ((de near2 block\$4)<br>deblock\$4) with disabl\$4   | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/11/27<br>17:17 |
| S16 | 143     | S8 and S9 and S10  | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/11/27<br>17:24 |
| S18 | 46      | S8 and S9 and S12  | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/11/27<br>17:25 |
| S20 | 1517    | ((bi near2 direction\$3)<br>predict\$4 (b near2<br>(picture slice))) with disabl<br>\$4  | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/11/27<br>19:42 |
| S21 | 51      | S8 and S9 and S20  | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/11/27<br>19:43 |
| S25 | 87      | S8 with S20  | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/11/27<br>19:45 |
| S26 | 2255389 | encod\$4 compress\$4   | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/11/28<br>11:48 |

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| S27 | 17518 | ((high near2 definition) hd) with (video picture movie)   | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/11/28<br>11:48 |
| S28 | 146   | ((de near2 block\$4) deblock\$4) with disabl\$4   | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/11/28<br>11:48 |
| S29 | 17    | S26 and S27 and S28   | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/11/28<br>11:48 |
| S30 | 1645  | ((bi near2 direction\$3) predict\$4 ((de near2 block \$4) deblock\$4) (reference near3 picture)) with disabl \$4  | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/11/28<br>12:23 |
| S31 | 59    | S26 and S27 and S30   | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/11/28<br>12:23 |
| S32 | 51877 | direct with (mode prediction)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/10<br>10:34 |
| S33 | 71    | (uni near2 direction\$4) with prediction  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/10<br>10:39 |
| S34 | 0     | prediction with (bi near2 direction\$4) with ((de near2 block\$4) deblock \$4) with filter with (decod \$4 decompress\$4)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/10<br>10:44 |
| S35 | 2164  | (select\$4 switch\$4) with (ac dc inter intra) with prediction  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/10<br>10:45 |
| S36 | 1     | prediction with ((bi near2 direction\$4) bidirection\$4 (b near3 (picture frame slice))) with ((de near2 block\$4) deblock\$4) with filter with (decod\$4 decompress\$4)                              | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/10<br>10:46 |
| S37 | 1     | prediction with ((bi near2 direction\$4) bidirection\$4 (b near3 (picture frame slice))) with ((de near2 block\$4) deblock\$4 (de near2 ring\$4) dering\$4) with filter with (decod\$4 decompress\$4) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/10<br>10:47 |

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|-----|-------|--|--|----|-----|------------------|
| S38 | 23    | prediction same ((bi near2 direction\$4) bidirection\$4 (b near3 (picture frame slice))) same ((de near2 block\$4) deblock\$4 (de near2 ring \$4) dering\$4) same filter same (decod\$4 decompress\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/12/10 10:48 |
| S39 | 1317  | ((de near2 block\$4) deblock\$4 (de near2 ring \$4) dering\$4) same filter same (decod\$4 decompress\$4)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/12/10 10:50 |
| S40 | 90    | S35 same S39   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/12/10 10:50 |
| S41 | 1722  | 375/240.25.CCLS.   | US-PGPUB; USPAT; USOCR                             | OR | ON  | 2009/12/10 16:42 |
| S42 | 17629 | ((high near2 definition) hd) with (video picture movie)  | US-PGPUB; USPAT; USOCR                             | OR | ON  | 2009/12/10 16:43 |
| S43 | 21    | S42 and S40  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/12/10 16:43 |
| S44 | 1046  | rate with distort\$4 with optimiz\$5   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/12/10 16:47 |
| S45 | 62    | S42 and S44  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/12/10 16:48 |
| S46 | 1     | S42 same S44   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/12/10 16:48 |
| S47 | 5     | (("5907374") or ("7403660") or ("5589993") or ("6870886") or ("6566624")).PN.  | USPAT; USOCR                                       | OR | OFF | 2009/12/12 21:23 |
| S48 | 2165  | (select\$4 switch\$4) with (ac dc inter intra) with prediction   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/12/13 15:37 |

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| S49 | 1317  | ((de near2 block\$4)<br>deblock\$4 (de near2 ring<br>\$4) dering\$4) same filter<br>same (decod\$4<br>decompress\$4) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/13<br>15:37 |
| S50 | 266   | S48 and S49  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/13<br>15:37 |
| S51 | 17629 | ((high near2 definition)<br>hd) with (video picture<br>movie)  | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/12/13<br>15:38 |
| S52 | 54    | S50 and S51  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/13<br>15:38 |
| S53 | 13    | ("8" near3 "8") with<br>prediction with ((inter p<br>predict\$4) near3 (frame<br>slice picture))                     | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/14<br>10:49 |
| S54 | 257   | (block near3 size) with<br>prediction with ((inter p<br>predict\$4) near3 (frame<br>slice picture))                  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/14<br>11:05 |
| S55 | 17629 | ((high near2 definition)<br>hd) with (video picture<br>movie)  | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/12/14<br>11:05 |
| S56 | 4     | S55 same S54   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/14<br>11:05 |
| S57 | 29    | S55 and S54  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/14<br>11:05 |
| S58 | 2336  | ((high near2 definition)<br>hd) with (mpeg "h.264")  | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/12/14<br>15:03 |
| S59 | 404   | ((high near2 definition)<br>hd) with (mpeg4 "h.264")   | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/12/14<br>15:03 |
| S60 | 33    | ((high near2 definition)<br>hd) with (mpeg4 "h.264")<br>with profile   | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/12/14<br>15:03 |
| S61 | 0     | S60 with length with (gop<br>(group near2 picture))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/14<br>15:18 |

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| S62 | 80   | "12" with length with (gop (group near2 picture))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/14<br>15:18 |
| S63 | 1    | S58 and S62  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/14<br>15:19 |
| S64 | 10   | "12" with length with (gop (group near2 picture)) and ((high near2 definition) hd)                       | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/14<br>15:20 |
| S65 | 2165 | (select\$4 switch\$4) with (ac dc inter intra) with prediction   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/14<br>15:26 |
| S66 | 1317 | ((de near2 block\$4) deblock\$4 (de near2 ring \$4) dering\$4) same filter same (decod\$4 decompress\$4) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/14<br>15:26 |
| S67 | 266  | S65 and S66  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/14<br>15:26 |
| S68 | 0    | S67 and S62  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/14<br>15:26 |
| S69 | 3    | S65 and S62  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/14<br>15:26 |
| S70 | 1    | S66 and S62  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/14<br>15:32 |
| S71 | 33   | ((high near2 definition) hd enhancement) with (mpeg4 "h.264") with profile                               | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/12/14<br>15:39 |
| S72 | 533  | ((high near2 definition) hd enhancement) with profile  | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/12/14<br>15:40 |
| S73 | 4    | S66 and S72  | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/12/14<br>15:40 |

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| S74 | 776 | adaptive with block with size   | US-PGRUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/14<br>16:05 |
| S75 | 17  | adaptive with block with size with (exclud\$4 remove eliminat\$4 except \$4)  | US-PGRUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/14<br>16:07 |
| S76 | 3   | ("12" near3 length near3 (gop (group near2 picture))) with (mpeg "h.264" "h.263")                                     | US-PGRUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/14<br>16:32 |
| S77 | 18  | ("5245428"   "5867625"   "6222981"   "6418269"). PN. OR ("6621979"). URP.N.   | US-PGRUB;<br>USPAT; USOCR                                      | OR | ON | 2009/12/14<br>16:34 |
| S78 | 1   | (block near3 size) with (inter p predict\$4) with (only limit\$4 remov\$4 exclud\$4 eliminat\$4) with ("8" near3 "8") | US-PGRUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/15<br>07:02 |
| S79 | 90  | (block near3 size) same (inter p predict\$4) same (only limit\$4 remov\$4 exclud\$4 eliminat\$4) same ("8" near3 "8") | US-PGRUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/15<br>07:07 |

**EAST Search History (Interference)**

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**12/15/2009 9:38:36 PM****C:\Documents and Settings\aholder1\My Documents\EAST\Workspaces\10542836.wsp**